IN THE CLAIMS:

Please cancel claims 7 and 8 without prejudice or disclaimer thereto.

Please amend claims 1, 2, 6, 9-17 and 19 as follows:

1. (Currently Amended) A method for manufacturing a fiber reinforced epoxy resin products, comprising the steps of:

providing a mold for the product;

applying a release agent to inner surfaces of the mold;

providing ~~at least one~~ a layer of ~~glass~~ fiber mesh ~~roving cloth~~ in the mold;

casting an unhardened epoxy resin mixture onto the fiber mesh in the mold;

vibrating the mold to remove air bubbles from the unhardened epoxy resin mixture ;

~~pressing~~ hardening the epoxy resin mixture in the mold;

~~hardening the epoxy resin mixture in the mold under a temperature between about 20°C and about 80°C for more than 30 minutes;~~

releasing the hardened epoxy resin mixture from the mold; and

curing the hardened epoxy resin mixture ~~under a temperature between about 20°C and 35°C for about 24 hours~~ to form the product.

2. (Currently Amended) The method of claim 1, wherein the epoxy resin mixture includes epoxy resin, silica and reinforcing fibrous material, the reinforcing fibrous material being a material selected from the group consisting of glass fiber, carbon fiber, and aramid fiber ~~and Keviar fiber~~ or a mixture thereof.

3. (Original) The method of claim 2, wherein the epoxy resin mixture further includes cement.

4. (Original) The method of claim 2, wherein the epoxy resin mixture further includes an inorganic material having refractory and self-extinguishing characteristics.

5. (Original) The method of claim 4, wherein the inorganic material is selected from the group consisting of Aluminum hydroxide, antimony oxide and hydro bromide.

6. (Currently Amended) The method of claim 1, further comprising a step of impregnating said ~~the method further comprising a step of impregnating~~ at least one layer of ~~the glass~~ fiber mesh ~~roving cloth~~ with epoxy resin.

7. (Canceled)

8. (Canceled)

9. (Currently Amended) A fiber reinforced epoxy resin product, comprising:

a hardened epoxy resin mixture including epoxy resin, silica and a fibrous material, the fibrous material being a material selected from the group consisting of glass fiber, carbon fiber, and aramid fiber ~~and Kevlar fiber~~ or a mixture thereof; and

at least one layer of ~~glass~~ fiber mesh ~~roving cloth~~ arranged parallel to each other in the hardened epoxy resin mixture.

10. (Currently Amended) The method of claim 1, wherein the ~~A method for manufacturing a~~ fiber mesh is a glass fiber.~~reinforced epoxy resin product, comprising:~~

~~providing a mold for the product;~~

~~applying a release agent to inner surfaces of the mold;~~

~~providing at least one layer of glass fiber in the mold;~~

~~casting an unhardened epoxy resin mixture in the mold;~~

~~pressing the epoxy resin mixture in the mold;~~

~~hardening the epoxy resin mixture in the mold under a temperature between about 20°C and about 80°C for more than 30 minutes;~~

~~releasing the hardened epoxy resin mixture from the mold; and~~

~~curing the hardened epoxy resin mixture under a temperature between about 20°C and 35°C for about 24 hours to form the product.~~

11. (Currently Amended) The method of claim 1, wherein the fiber ~~A method for manufacturing a fiber~~ reinforced epoxy resin ~~panel, comprising:~~ product is a fiber reinforced epoxy resin panel, and at least three layers of fiber meshes are provided.

~~providing a mold for the panel;~~

~~applying a release agent to inner surfaces of the mold;~~

~~providing at least three layers of glass fiber roving cloth in the mold;~~

~~casting an unhardened epoxy resin mixture in the mold; pressing the epoxy resin mixture in the mold;~~

~~hardening the epoxy resin mixture in the mold under a temperature between about 60°C and about 80°C for more than 30 minutes;~~

~~releasing the hardened epoxy resin mixture from the mold; and~~

~~curing the hardened epoxy resin mixture under a temperature between about 25°C and 30°C and a humidity between about 40% and about S0% for about three days to form the panel.~~

12. (Currently Amended) The method of claim 11, wherein the epoxy resin mixture includes epoxy resin, silica and reinforcing fibrous material, the reinforcing fibrous material being a material selected from the group consisting of glass fiber, carbon fiber, and aramid fiber ~~and Kevlar fiber~~ or a mixture thereof.

13. (Currently Amended) The method of claim 11, ~~the method~~ further comprising ~~a~~ the step of impregnating said at least ~~one~~ three layers of ~~the glass~~ fiber meshes ~~roving cloth~~ with epoxy resin.

14. (Currently Amended) A fiber reinforced epoxy resin panel, comprising:

a hardened epoxy resin mixture including epoxy resin, silica and a fibrous material, the fibrous material being a material selected from the group consisting of glass fiber, carbon fiber, and aramid fiber ~~and Keviar fiber~~ or a mixture thereof; and

at least three layers of glass fiber roving cloth arranged parallel to each other in the hardened epoxy resin mixture.

15. (Currently Amended) The ~~A~~ method of claim 1, wherein at least three layers of fiber meshes are provided in the mold, and the hardening step is performed under a temperature between about 60° C and about 80° C for about one to three hours, and the curing step is perfomed under a temperature between about 20° C and 35° C and a humidity between about 30% and about 60% for about 24 hours. ~~for manufacturing a fiber reinforced epoxy resin product, comprising:~~

~~providing a mold for the product;~~

~~applying a release agent to inner surfaces of the mold;~~

~~providing at least three layers of glass fiber roving cloth in the mold;~~

~~casting an unhardened epoxy resin mixture in the mold;~~

~~pressing the epoxy resin mixture in the mold;~~

~~hardening the epoxy resin mixture in the mold under a 15 temperature between about 60°C and about 80°C for about one to about three hours;~~

~~releasing the hardened epoxy resin mixture from the mold; and~~

~~curing the hardened epoxy resin mixture under a 20 temperature between about 20°C and 35°C and a humidity between about 30% and about 60% for about 24 hours to form the product.~~

16. (Currently Amended) The ~~A~~ method of claim 15, wherein ~~the method further comprising a step of removing air bubbles from the unhardened epoxy resin mixture such that~~ the amount of the air bubbles in the unhardened epoxy resin mixture ~~therein~~ is maintained below about 4%.

17. (Currently Amended) The ~~A~~ method of claim 15, wherein the epoxy resin mixture includes epoxy resin, silica, rubbles and reinforcing fibrous material, the reinforcing fibrous material being a material selected from the group consisting of glass fiber, carbon fiber, and aramid fiber ~~and Keviar fiber~~ or a mixture thereof.

18. (Original) A method of dairy 17, wherein the epoxy resin mixture further includes an inorganic material having refractory and self-extinguishing characteristics.

19. (Currently Amended) A vehicle block structure ~~having a predetermined height,~~ comprising~~:~~ a body including a hardened epoxy resin mixture and glass fiber roving clothes, the hardened epoxy resin mixture containing epoxy resin, silica, rubbles and reinforcing fibrous material~~;~~.

~~a plurality of through holes arranged in a direction of elevation of the structure; and~~

~~a plurality of bolts having a length greater than the height of the structure and being arranged in the through hole to fix the structure to a desired place.~~

20. (Original) A vehicle block structureof claim 19, the structure further comprising an adhesive epoxy resin layer in order to fix the structure to a desired place.

Please add new claims 21 and 22 as follows:

21. (New) The method of claim 1, wherein prior to the vibrating step, the fiber mesh providing step and the unhardened epoxy resin mixture casting step are repeated at least twice.

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22. (New) The method of claim 1, wherein the hardening step is performed at a temperature between about 20° C and about 80° C for more than 30 minutes, and the curing step is performed at a temperature between about 20° C and 35° C for about 24 hours to form the product.